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Erratum

Erratum to "Intrinsic kinetics in carbon gasification: Understanding linearity, "nanoworms" and alloy catalysts" [Appl. Catal. B: Environ. 148–149 (2014) 136–143]

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The publisher regrets that several errors appeared in the original paper, the corrections are as follows:

(A) $J = -D\frac{\partial C}{\partial x}$ (1st law)   and $\frac{\partial C}{\partial t} = \frac{\partial J}{\partial x} = D\frac{\partial^2 C}{\partial x^2}$ (2nd law)

(B) 2nd column of p. 139.

The final term of the below equation was wrong and the corrected equation is shown below:

$$r = \frac{1}{1-X} \cdot \frac{dX}{dt} \quad \text{with} \quad X = \frac{m_0 - m}{m_0} = 1 - \frac{m}{m_0}$$

(C) In the published article, artworks of Figs. 6 and 7 were not matching with their corresponding captions, i.e. artwork of Fig. 6 was rendered with the caption of Fig. 7 and artwork of Fig. 7 was rendered with the caption of Fig. 6. These artwork should be interchanged.